

## 9-1-1 GENERAL INFORMATION

Current Date: August 7, 2006

Proposed Operational Date: January 2007

Submitted by:

City of Quincy and Adams County 9-1-1 Communications System Governing Board

    X     Final Plan

    X     Modification of an Existing System  
– I.C.C. Docket Number 88-0304

68,277  
Total Population Served

35,275  
Total Access Lines

857  
Total Land Area Covered in Square Miles

PSAP 9-1-1 System Liaison to the Commission:

Steve Rowlands  
Name

Director, Quincy/Adams County 9-1-1  
Title

521 Vermont Street  
Street Address

Quincy, Illinois 62301  
City, State, Zip Code

(217) 228-4572  
Telephone Number

srowlands@co.adams.il.us  
Email

**9-1-1**

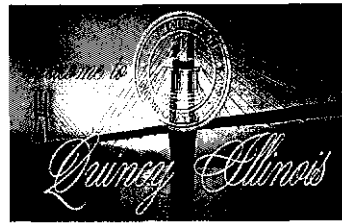
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## **Implementing Enhanced 9-1-1 in Adams County**

*Public Informational Meeting*

Quincy/Adams County 9-1-1 Governing Board

July 18, 2001



**9-1-1**

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### **Purpose**

Quincy/Adams County 9-1-1 Governing Board is conducting this Public Informational Meeting to inform the public about the status of implementing an Enhanced 9-1-1 system in Adams County.



July 18, 2001

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2

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### **Meeting Agenda**

- Opening Comments – Chairman Jim Weise
- Overview of Quincy/Adams County 9-1-1
- Implementing Enhanced 9-1-1 in Adams County
- Comments:
  - Illinois Commerce Commission
  - Adams County Highway Department concerning county addressing
  - Telephone Company Representatives
  - Public Safety Officials

July 18, 2001

Quincy/Adams County 9-1-1

3

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### **Meeting Agenda (continued)**

- Open Forum Discussion
  - Governing Board comments and questions
  - Public comments and questions
- Conclusion of Public Informational Meeting
- Break
- Quarterly 9-1-1 Governing Board Meeting

July 18, 2001

Quincy/Adams County 9-1-1

4

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### **Overview**

- Brief History of Quincy/Adams County 9-1-1
- Basic 9-1-1 in Adams County
- 9-1-1 Facts
- Funding Enhanced 9-1-1
- Implementation Timeline and Significant Events

July 18, 2001

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5

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### **Brief History of Quincy/Adams County 9-1-1**

- Operating in City of Quincy and Adams County since March 1989
  - One of the first county-wide 9-1-1 systems established in Illinois
  - Consolidated Dispatch Communications Center located in the County Courthouse.
  - Telecommunicators answer 9-1-1 calls and non-emergency calls and dispatch necessary public safety units and personnel.
- Dispatch Center for the following agencies:
  - Quincy Police Dept, Quincy Fire Dept, Tri-township Fire Dept, Adams County Sheriff's Dept, Adams County Ambulance, and 10 Rural Volunteer Fire Departments in Adams County.

July 18, 2001

Quincy/Adams County 9-1-1

6

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### Brief History of Quincy/Adams County 9-1-1

- Coordinate with other agencies in and around the county including:
  - Illinois State Police and Missouri Highway Patrol
  - Adams County Animal Warden and Quincy Animal Control Officers
  - Air Evac helicopters; Adams County First Responders; Adams County Coroner
  - Illinois Conservation Police; Quincy Park District; Volunteer Emergency Corps; Utility companies
  - Adjacent counties' ambulance, fire and sheriff's departments; Marion County 9-1-1; and Hancock County 9-1-1.

July 18, 2001

Quincy/Adams County 9-1-1

7

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### Brief History of Quincy/Adams County 9-1-1

- Oversight authority is the 9-1-1 Governing Board consisting of eleven members:
  - 3 County Board members appointed by County Board Chairman, and 3 City Council members appointed by Mayor. These appointed members may serve two 3-year terms.
  - 5 permanent members are Quincy Police Chief, Quincy Fire Chief, Adams County Sheriff, Adams County Ambulance Director, and a member from the Adams County Rural Fire District Association.

July 18, 2001

Quincy/Adams County 9-1-1

8

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### Brief History of Quincy/Adams County 9-1-1

- Funding for Operating Budget and Capital Expenditures are provided by City (60%) and County (40%).
- Current annual operating budget is approximately \$950,000
  - *Only county-wide 9-1-1 system in Illinois not funded by telephone surcharge*
- Quincy/Adams County 9-1-1 Center handles:
  - Over 1,000 emergency 9-1-1 calls per week
  - Over 2,500 non-emergency calls per week

July 18, 2001

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9

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### Basic 9-1-1 in Adams County

- A Basic 9-1-1 system means that there is only a voice connection between the caller and the 9-1-1 Center. No data or other information is transmitted along with the call.
- A Basic 9-1-1 system works *only* if the caller can communicate his or her location. If the caller is unable to communicate an address or directions to an emergency situation, the 9-1-1 dispatcher will not be able to immediately determine the exact location of the emergency.

July 18, 2001

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10

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### What is an Enhanced 9-1-1 System?

- An *Enhanced* 9-1-1 system transmits important data along with voice.
- It automatically provides telecommunicator with exact address, name, phone number, and public safety jurisdiction information of caller's location as soon as the connection is made to the 9-1-1 Center.
- Planned systems integration will provide immediate location on a computer generated map



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11

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### 9-1-1 Facts

- In 1968, the first 9-1-1 system in the U.S.
- In the U.S. most systems are Enhanced 9-1-1
  - Today nearly 95% of U.S. population is served by a 9-1-1 system
  - Nearly 95% of 9-1-1 Systems in the U.S. are Enhanced 9-1-1

July 18, 2001

Quincy/Adams County 9-1-1

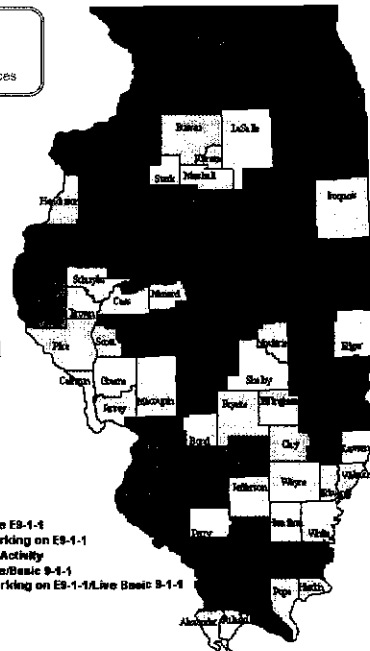
12

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- **Illinois is moving to Enhanced 9-1-1**  
(August 2000)

- 98% of Illinois population is served by a 9-1-1 system (76% land area)
- 70 counties in Illinois have Enhanced 9-1-1
- Adams and 2 other counties have Basic 9-1-1 and are in the process of upgrading
- 11 counties with no 9-1-1 are moving toward Enhanced 9-1-1.
- 18 counties in Illinois do not have 9-1-1 service.  
(Schuyler, Brown, Pike)



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13



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### Estimated Cost of Enhanced 9-1-1:

**\$675,000 – \$900,000**

### Estimated Cost of Wireless E9-1-1:

**???**

*\* Note: Increase from November 2000 estimate (\$675,000), Motorola discontinuing product support of the 9-1-1 Center's current Centralink 9-1-1 telephone equipment*



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## Funding Enhanced 9-1-1

- Funding an Enhanced 9-1-1 system in Adams County has been a challenge:
  - Voters defeated \$1.95 telephone surcharge referendum on November 3, 1998
  - Voters defeated 1/4 cent public safety sales tax referendum on November 7, 2000
  - Adams County Board voted to fund Enhanced 9-1-1 upgrade in November 2000
  - Quincy City Council approved first year funding on April 30, 2001

July 18, 2001

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15

**9-1-1**

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## Funding Enhanced 9-1-1

- Adams County Funding (\$270,000):
  - FY2001: \$ 52,500 - *funded*
  - FY2002: \$ 90,000
  - FY2003: \$ 90,000
  - FY2004: \$ 37,500
- City of Quincy Funding (\$405,000):
  - FY2001-2002: \$135,000 - *funded*
  - FY2002-2003: \$135,000
  - FY2003-2004: \$135,000

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16

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### **Funding Enhanced 9-1-1**

- Illinois Wireless 9-1-1 surcharge revenue
  - Intended for upgrading equipment and systems to locate cellular 9-1-1 callers may also be utilized for land-line E9-1-1
  - \$0.75 monthly; \$.049 to Governing Board
  - May be used for landline Enhanced 9-1-1
- Estimated Wireless Surcharge Revenue is \$350,000 - \$450,000
- State Wireless 9-1-1 surcharge period is September 2000 through April 2005

July 18, 2001

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17

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### **Funding Enhanced 9-1-1**

Funds available for both Enhanced 9-1-1 Upgrade and simultaneous *Wireless* E9-1-1 implementation:

**\$1,025,000 - \$1,125,000**

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18

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### Current Advantages

- Quincy/Adams County 9-1-1 already operating an excellent Basic 9-1-1 system
  - Operating 9-1-1 System for over 12 years
  - Do not need to “learn” how to operate a 9-1-1 system.
  - Installing an Enhanced 9-1-1 system is more along the lines of a major equipment upgrade
  - Oversight authority, Quincy/Adams County 9-1-1 Governing Board, remains the same

July 18, 2001

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19

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### Implementation Timeline and Significant Events

- Target Date for E9-1-1: *May 2004* (3 years)
  - Estimate will take 3-4 years
  - Event driven, not time driven
- November 30, 2000 and April 30, 2001: Funding sources determined
- May 1, 2001: Letters of intent sent to telephone companies
- June 5, 2001: Tentative verbal agreement with Ameritech to utilize Central Office as Alternate 9-1-1 Public Safety Answering Point (PSAP)
- July 18, 2001: Public Informational Meeting
- 2001: Addressing completed
- 2001: “Friendly Lawsuit”

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20

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### Implementation Timeline and Significant Events

- 2001: Contract with Telephone Companies for E9-1-1
- 2001: Submit tentative plan to Illinois Commerce Commission in accordance with IL Administrative Code – Part 725
- 2002: Alternate PSAP equipped and capable of operating Basic 9-1-1 and ready for E9-1-1 in Ameritech Building
- 2002: Determine and enter into an agreement with another Illinois 9-1-1 system to provide live call-taking backup and overflow call-handling for Adams County (Cass, Sangamon)
- 2002: Identify new equipment and equipment upgrade needs for E9-1-1
- 2002: Begin construction of Master Street Address Guide (MSAG) and Address reconciliation & refinement for E9-1-1 databases

July 18, 2001

Quincy/Adams County 9-1-1

21

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### Implementation Timeline and Significant Events

- 2003: Order E9-1-1 Telephone Network
- 2003: Submit Final Plan to ICC to obtain an "Authority to Operate" order to operate an E9-1-1 System
- 2003: ICC Hearing and Approval to operate an E9-1-1 system
- 2003: Final MSAG, address, telephone number review and reconciliation with Telephone companies
- 2004: Installation of E9-1-1 Telephone Network complete
- 2004: Install and complete equipment upgrades in Primary, Alternate PSAPs in Adams County and with "Live" Backup 9-1-1 system outside of Adams County
- 2004: Begin E9-1-1 system and equipment testing
- *Target date: May 2004: Enhanced 9-1-1 online*

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22

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### Potential Roadblocks to Progress

- Addressing issues and E9-1-1 database problems
- Reduction or loss of planned funding
- Issues and cost associated with simultaneous implementation of *Wireless* Enhanced 9-1-1
- Other ?
- Unknown ?

July 18, 2001

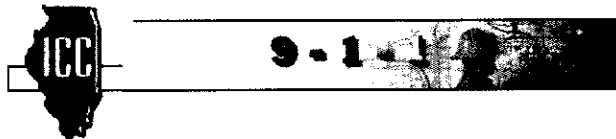
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23

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### Comments by Illinois Commerce Commission 9-1-1 Programs



July 18, 2001

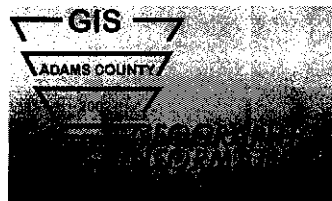
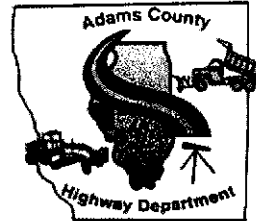
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24

**9-1-1**

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## Comments Concerning Addressing



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Quincy/Adams County 9-1-1

25

**9-1-1**

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## Comments by Telephone Company Representatives




July 18, 2001

Quincy/Adams County 9-1-1

26



**9-1-1**  
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## Comments by Public Safety Officials







Quincy Police Department




Quincy Fire Department






Tri-township  
Fire Department




ADAMS COUNTY  
SHERIFF'S  
DEPARTMENT




Adams County  
Rural Volunteer  
Fire Departments

July 18, 2001
Quincy/Adams County 9-1-1
27




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## Open Forum Discussion

- Governing Board comments and questions
- Public comments and questions
- Closing Comments:
  - 9-1-1 Governing Board Chairman Jim Weise



**EMERGENCY**  
DIAL **9-1-1** FIRE POLICE MEDICAL

July 18, 2001
Quincy/Adams County 9-1-1
28

## COMMUNITIES SERVED

CITY, TOWN, OR VILLAGE	ADDRESS
City of Quincy	City Hall, 730 Maine, Quincy, IL 62301
County of Adams	Courthouse, 507 Vermont Street, Quincy, IL 62301
Unincorporated Areas in Adams County	C/o County Clerk, 507 Vermont Street, Quincy, IL 62301
Village of Camp Point	208 E. State, Camp Point, IL 62320
Village of Clayton	114 E. Main, Clayton, IL 62324
Village of Coatsburg	309 S. Main, Coatsburg, IL 62325
Village of Columbus	C/o Village Clerk, Box 88D, Camp Point, IL 62320
Village of Golden	509 Main, Golden, IL 62339
Village of La Prairie	225 W. Main, La Prairie, IL 62346
Village of Liberty	4 Victoria Drive, Liberty, IL 62347
Village of Lima	C/o Village Clerk, Box 66 S. Washington St, Lima, IL 62348
Village of Loraine	507 S. Main, Loraine, IL 62349
Village of Mendon	144 W. Church, Mendon, IL 62351
Village of Payson	112 N. Park St., Payson, IL 62360
Village of Plainville	138 W. Main St., Plainville, IL 62365
Village of Ursa	102 South Street, Ursa, IL 62376



## **NARRATIVE**

### **QUINCY/ADAMS COUNTY ENHANCED 9-1-1 SYSTEM**

#### **PURPOSE**

The purpose of this application is for the City of Quincy and Adams County 9-1-1 Communications System Governing Board to obtain the authority to operate an Enhanced 9-1-1 emergency telephone system in Adams County, Illinois.

The proposed system will replace the current Basic 9-1-1 system in Adams County and provide Enhanced 9-1-1 services to the citizens of the City of Quincy and Adams County. The 9-1-1 Governing Board is presently operating a "Basic" 9-1-1 system under Illinois Commerce Commission (ICC) Order 88-0304. The current system is a Basic Type III service for the City of Quincy and surrounding area for customers of AT&T and Competitive Local Exchange Carriers (CLEC) McLeodUSA, Adams Telesystems, and Sage Telecomm. Adams County villages and rural residents of Adams County who are customers of AT&T, Verizon and Adams Telephone Cooperative are serviced by a Basic Type I system.

The Basic 9-1-1 service has been in operation in Adams County since March 1989. The Public Safety Answering Point (PSAP) is located in the Adams County Courthouse, 521 Vermont Street, Quincy, Illinois.

#### **PUBLIC SAFETY ANSWERING POINT (PSAP) LOCATION, OPERATIONS, AND LOCAL OVERSIGHT AUTHORITY**

The primary PSAP for the Enhanced 9-1-1 System will be located at 222 N. 52<sup>nd</sup> Street in Quincy, Illinois in a new facility located on Adams County government property. The current Basic 9-1-1 PSAP, located in the basement of the Adams County Courthouse, 521 Vermont Street in Quincy, Illinois, will be retrofitted for E9-1-1 and serve as an alternate or standby PSAP following "hard cut" to Enhanced 9-1-1. Both the primary PSAP and the alternate PSAP will be centralized and consolidated communications facilities. The primary PSAP is a four-position center with at least three full-time telecommunicators on duty 24-hours a day with one overflow/supervisor position that is staffed during normal and peak periods or as necessary when determined by 9-1-1 system management. The alternate PSAP will be a three-position center with the same E9-1-1 call-taking and public safety dispatch capabilities as the primary and will be staffed as necessary in the event the primary PSAP is evacuated, becomes inoperative, or is undergoing maintenance. The alternate PSAP will also be staffed and exercised periodically to ensure equipment and system operation.

With the exception of the proposed Enhanced 9-1-1 telephone network, most aspects of the current 9-1-1 system's operations will remain unchanged. The upgraded Enhanced 9-1-1 system oversight authority will continue to be the City of Quincy and Adams County 9-1-1 Communications System Governing Board. The 9-1-1 Governing Board is a cooperative venture and joint agency of Adams County and the City of Quincy established by joint county and city ordinance in 1988. There is no Emergency Telephone System Board (ETSB) as Adams County does not have a 9-1-1 telephone surcharge to administer under the Illinois Emergency Telephone System Act (ETSA).

The 9-1-1 Governing Board consists of eleven members. Three county board members appointed by Adams County Board Chairman, and three Quincy city council

## NARRATIVE

members appointed by the Mayor may serve two consecutive 3-year terms. Five permanent members of the 9-1-1 Governing Board are the Quincy Police Chief, Quincy Fire Chief, Adams County Sheriff, Adams County Ambulance Director, and the Secretary of the Adams County Rural Fire District Association. The Governing Board has a Chairman that is elected from its body. The 9-1-1 Governing Board appoints a Director who is responsible for the operation of the Quincy/Adams County 9-1-1 system, the PSAP, dispatch process and public safety communications.

### PSAP PHYSICAL SECURITY

The primary PSAP located at 222 N. 52<sup>nd</sup> Street in Quincy is a new building constructed with security measures that isolate the building and occupants from direct public contact. The PSAP complies with both NFPA 1221 and 83 Illinois Administrative Code Part 725.700 standards for construction and physical security. Entry to the building is restricted to authorized personnel. The entire building, including areas that house communications equipment, electronic/computer rooms, mechanical rooms, and PSAP personnel are protected against damage due to vandalism, terrorism, and civil disturbances.

All exterior doors are locked and the entire building, exterior and interior, is monitored by a CCTV system. Security vestibules protect both the front and rear entryways; all exterior windows are rated for bullet resistance to high power small arms and high-power rifles. In addition, locked doors secure all essential interior rooms.

All utility connections to the PSAP are located underground. The emergency electrical generator is entirely enclosed by a chain-link fence and monitored by the CCTV system.

The PSAP is equipped with a clean agent fire suppression system for essential areas that house communications equipment, electronic/computer rooms and the main call-taking/dispatch room. A sprinklered fire suppression system protects all other rooms located in the PSAP.

The PSAP is located on Adams County government-owned land adjacent to the Adams County Juvenile Detentions Center and the Adams County Highway Department. A private cemetery is located to the north of the PSAP building. The PSAP is not located directly next to a public street.

The current Basic 9-1-1 Center that will serve as an alternate/standby PSAP for Enhanced 9-1-1 operations is located in the Adams County Courthouse at 521 Vermont Street in Quincy. The alternate/standby PSAP is in a restricted area of the courthouse that is not open to the public. The facility has secure doors and a CCTV system. The emergency power generator is enclosed entirely by a security fence; there are two clean agent fire extinguishers and two ABC fire extinguishers for the alternate/standby PSAP.

### PSAP PERSONNEL, EQUIPMENT, DISPATCH PROCESS

The Quincy/Adams County 9-1-1 Center is currently authorized 20 employees: Director, Assistant Director, Systems Administrator, two Dispatch Supervisor, and 15 telecommunicators. The Director and Assistant Director are responsible for the operation of the 9-1-1 system and emergency and non-emergency public safety dispatch for the entire county including the City of Quincy. The Systems Administrator is responsible for all PSAP computers and related systems including the E9-1-1 database

## NARRATIVE

and MSAG/E9-1-1 database functions. The Assistant Director, Dispatch Supervisors and telecommunicators are cross trained to perform call receipt and dispatch functions for all emergency service agencies serving the City of Quincy and Adams County.

The 9-1-1 system is supported by a Logistics Systems, Inc. Computer Aided Dispatch (CAD) and Records Management (RMS) System, a Motorola Centracomm Gold Elite radio control system, a digital logging recorder system, and diesel powered electric generators/UPS systems capable of supplying backup power for extended periods for both the primary and standby PSAPs. The Motorola Centralink 9-1-1 telephone system used for Basic 9-1-1 will be replaced with a Plant Equipment Vesta Pallas Enhanced 9-1-1 telephone system solution that will receive ANI/ALI information from the E9-1-1 telephone network.

All city and county emergency response agencies are, and will continue to be, directly dispatched via radio, radio pager, or wireless mobile data computer messaging. All public safety agencies in Adams County have direct radio communications capability with the both the primary and standby PSAPs. Adjacent public safety agencies will be dispatched via call relay. The telecommunicator will either contact the adjacent public safety agencies' appropriate PSAP/Dispatch facility or directly by radio, telephone, or directed messaging for an emergency response. The Quincy/Adams County PSAP routinely coordinates with Hancock County E9-1-1, Pike County E9-1-1, Marion County (Missouri) E9-1-1, Lewis County (Missouri) E9-1-1, Illinois State Police District 20, Missouri Highway Patrol Troop B, as well as the adjacent counties' Sheriff's Departments in both Illinois and Missouri. Quincy/Adams County 9-1-1 policy is to maintain control of out-of-jurisdiction incoming 9-1-1 calls and coordinate the dispatch via call relay of adjacent public safety agencies with the appropriate dispatch agency.

### ENHANCED 9-1-1 SERVICE AREA, TELECOMMUNICATIONS PROVIDERS, AND CALL HANDLING AGREEMENTS

The proposed Enhanced 9-1-1 system will cover all residents currently served by the Basic 9-1-1 system. Approximately 177 access lines whose telephone service exchanges originate in either Hancock and Pike counties will be served by those ETSBs respectively. Four Adams County access lines whose telephone service exchanges originate in either Brown or Schuyler counties will be served by those pre-Basic 9-1-1 PSAPs. The proposed Enhanced 9-1-1 service boundaries reflect the same service boundaries of the current Basic 9-1-1 system. Previous agreements with Hancock County ETSB and Pike County ETSB with regard to Adams County residents served by those respective PSAPs have been re-ratified and will remain in effect under the proposed Enhanced 9-1-1 system.

Adams County residents served by the Verizon telephone exchanges of Barry, Baylis, and Hull; and the Adams Telephone Cooperative exchange of Fishhook will continue to be served by the Pike County ETSB's PSAP. Adams County residents served by the Pike County ETSB are as follows (approximate access lines): Barry- 66, Baylis- 52, Hull- 7, and Fishhook- 40.

Adams County residents served by the Citizens Communications exchanges of Warsaw, Sutter, Basco, and Bowen and the Adams Telephone Cooperative exchange of Augusta will continue to be served by the Hancock County ETSB's PSAP. There are approximately 12 access lines in the portion of the Bowen exchange in Adams County

## NARRATIVE

that will continue to be handled by the Hancock County PSAP; currently there are no access lines active in the Warsaw, Sutter and Basco exchanges in Adams County.

Very small portions of Verizon's Mount Sterling exchange and Adams Telephone Co-Operative's Mindale exchange include Adams County. These areas are not part of the current Quincy/Adams County Basic 9-1-1 system and are also not part of the proposed City of Quincy and Adams County 9-1-1 Communications System Governing Board's Enhanced 9-1-1 system. There is one access line located in Adams County in Verizon's Mount Sterling exchange that originates in Brown County. As with the current Basic 9-1-1 system, this access line will continue to be routed to the Mount Sterling Police Department. The Adams Telephone Co-Operative exchange of Mindale that originates in Schuyler County has one access line that will be routed to the Schuyler County Sheriff's Office.

Communities served by the Quincy/Adams County 9-1-1 PSAP will include the City of Quincy and the Villages of Camp Point, Clayton, Coatsburg, Columbus, Golden, La Prairie, Liberty, Lima, Loraine, Mendon, Payson, Plainville, and Ursa. In addition, all unincorporated communities and rural residents in Adams County, with the previously mentioned exceptions, will also be served by the proposed Enhanced 9-1-1 system. Brown County residents located in Verizon's Clayton telephone exchange will continued to be served by Quincy/Adams County 9-1-1 PSAP for Enhanced 9-1-1.

All Adams County public safety/emergency service agencies are provided dispatch and communications support by the Quincy/Adams County PSAP. With the implementation of Enhanced 9-1-1, the PSAP will continue to receive all 9-1-1 emergency calls and provide dispatch services for the following emergency service agencies: Adams County Sheriff's Department, Adams County Ambulance & EMS, Quincy Police Department, Camp Point Police Department, Clayton Police Department, Payson Police Department, Quincy Fire Department, Tri-Township Fire Department, Camp Point Fire Protection District, Central Adams Fire Protection District, Clayton Fire Protection District, Golden Fire Protection District, Liberty Fire Protection District, Lima-Tioga Fire Protection District, Loraine Fire Protection District, Mendon Fire Protection District, Payson-Fall Creek Fire Protection District, and the Ursa Fire Protection District.

The following telephone companies that are involved with the proposed Enhanced 9-1-1 system are AT&T, Adams Telephone Cooperative, and Verizon. (Adams Telesystems, McLeodUSA and Sage Telecomm operate in Adams County as CLECs in the City of Quincy) The following are the exchanges and prefixes involved, all area code 217: AT&T: Burton (885), Columbus (334), Fowler (434), Liberty (645), Payson (656), and Quincy (221, 222, 223, 224, 228, 231, 277, 592); Adams Telephone Cooperative: Coatsburg (455), Golden (696), Lima (985), Loraine (938), Mendon (936), Meyer (647), Quincy (214), and Ursa (842); Verizon: Camp Point (593), Clayton (894); McLeod USA (CLEC): Quincy (641), Adams Telesystems (CLEC), and Sage Telecomm (CLEC).

Call handling agreements (Exhibits 8 & 9) are renewed annually and signed. Call handling agreements are current for all participating agencies and adjacent agencies for calendar year 2006. These call handling agreements have been in place for the current Basic 9-1-1 system since 1989. The proposed Enhanced 9-1-1 system does not impact or change these agreements. All adjacent public safety agencies are aware of the Enhanced 9-1-1 upgrade project.

## NARRATIVE

### ALTERNATE ROUTING AND COOPERATIVE 9-1-1 SERVICE AGREEMENTS

City of Quincy and Adams County 9-1-1 Communications System Governing Board and the Cass County ETSB have entered into an "Alternate Routing Agreement." Cass County ETSB's PSAP will serve as the alternate routing PSAP or backup when all 9-1-1 lines to primary and/or alternate PSAP are busy or in the event the primary and/or alternate PSAP are out of service or disabled for a period of time due to an emergency situation or other reasons.

The Cass County PSAP is located 101 N. Front Street, Virginia, Illinois. It is a 3-position PSAP. Quincy/Adams County will retain dispatch responsibilities at all times. In the event that the primary or alternate/standby PSAP are unable to answer incoming 9-1-1 calls, the Cass County PSAP will maintain communications with the Quincy/Adams County PSAP via landline telephone, wireless/cellular telephone, STARCOM radio, LEADS directed message or by contacting Quincy/Adams County PSAP's satellite telephone. The Quincy/Adams County PSAP is equipped with a satellite telephone system that will ensure that Cass County can contact the Quincy/Adams County PSAP for dispatch of any 9-1-1 calls that they should receive if normal communication lines are compromised or inoperable.

Additionally, City of Quincy and Adams County 9-1-1 Communications System Governing Board has entered into "Cooperative 9-1-1 Service Agreements" with both Hancock County ETSB and Pike County ETSB to divide 9-1-1 services between counties by telephone exchange boundary rather than the county boundaries. The bordering counties of Brown and Schuyler currently do not have 9-1-1 systems and are operating pre-basic 9-1-1 PSAPs per Federal Communications Commission requirements.

### FUNDING OF THE ENHANCED 9-1-1 SYSTEM

The financial arrangements to be employed for call handling and telecommunications services for the Enhanced 9-1-1 system were set forth by the Adams County Board and the Quincy City Council through the City of Quincy and Adams County 9-1-1 Communications System Governing Board. Adams County does not have a 9-1-1 telephone surcharge as set forth by the Illinois Emergency Telephone Systems Act therefore there is no Emergency Telephone System Board (ETSB) established to administer the surcharge funding.

A 1988 agreement between the City of Quincy and Adams County governments, which was confirmed by ordinance that was jointly adopted by the two legislative bodies (refer to "Resolution" included with this packet), states that the City of Quincy and Adams County will split all costs for operating a 9-1-1 system on a 60% and 40% basis respectively. This includes initial start up costs for Enhanced 9-1-1 as well as the long-term operation expenses for 9-1-1 telecommunications services. The current Basic 9-1-1 System (ICC Order 88-0304) is currently funded in this manner with an annual operating budget of approximately \$1.1 million. The operating budget for Enhanced 9-1-1 is expected to be in the vicinity of \$1.3 million.

The Quincy/Adams County 9-1-1 System is an autonomous entity and cooperative venture of the City of Quincy and Adams County. The City of Quincy and Adams County 9-1-1 Communications System Governing Board has authorized the City of Quincy to handle the actual disposition of operating funds. Both Adams County and the City of Quincy handle the actual disposition of capital funds associated with the

## NARRATIVE

Enhanced 9-1-1 project. The City of Quincy and Adams County 9-1-1 Communications System Governing Board, however, will have the final decision making responsibilities in terms of budgeting and authorizing expenditures.

The City of Quincy acted as borrowing agent on a \$1,300,000 over an 8-year period on behalf of the City of Quincy and Adams County 9-1-1 Communications System Governing Board to ensure funding for the completion the Enhanced 9-1-1 project; the loan with First Bankers Trust Company closed on May 15, 2006. Repayment of the loan by the City of Quincy and Adams County is on a 60% / 40% basis described in paragraph one above.

Additionally, the wireless surcharge funds granted to the City of Quincy and Adams County 9-1-1 Communications System Governing Board through the Illinois Wireless Emergency Telephone System Act (WETSA) will also be utilized to help fund the costs of establishing land-line Enhanced 9-1-1 services as well as for Phase I and Phase II Wireless 9-1-1, and VOIP 9-1-1 services. Estimated funding amounts:

Adams County Government contributions for E9-1-1:	\$270,000
City of Quincy Government contributions for E9-1-1:	\$405,000
Loan Proceeds:	\$1,300,000
Estimated WETSA Funds (August 2000 – April 2008):	\$1,305,000

## PUBLIC EDUCATION

The citizens of Adams County are already well versed in the concept and use of 9-1-1. Basic 9-1-1 has been available to the citizens of Adams County since March 1989. Public education is an active and continuing program administered by the Quincy/Adams County 9-1-1 system management. Public Education for the proposed Enhanced 9-1-1 upgrade will focus on the benefits of enhanced over basic and to ensure that private residential and private business switch services are provided the same level of 9-1-1 as public agencies and telecommunications carriers are providing other end users of the local 9-1-1 System, as required by the Illinois Emergency Telephone System Act.

The City of Quincy and Adams County 9-1-1 Communications System Governing Board hosted a formal Public Information Meeting on Enhanced 9-1-1 implementation in the Quincy City Hall on July 18, 2001. All system participants/ public safety agencies, representatives of the Illinois Commerce Commission, telecommunications providers, local government officials, the local media and members of the general public were in attendance. Since that time local news media coverage of the efforts and progress of implementation of Enhanced 9-1-1 has been extensive.

## STANDARD OPERATING PROCEDURES, TRAINING, TTY/TDD

Quincy/Adams County 9-1-1 Center has a current and comprehensive employee training program as well as a complete and detailed Standard Operating Procedures Manual in addition to detailed communications policies provided by the public safety agencies served. Quincy/Adams County 9-1-1 telecommunicators and Dispatch Supervisors maintain Illinois certification as Emergency Medical Dispatchers and are also Law Enforcement Agency Data System (LEADS) certified by the Illinois State

## NARRATIVE

Police. Quincy/Adams County 9-1-1 staff participates in various professional seminars and in-service training as well.

The PSAP currently has Teletype Devices for the Deaf (TDD) available at all telecommunicator positions and training is in compliance with the Americans with Disabilities Act (ADA), the Illinois Emergency Telephone System Act (ETSA) and other directives. The Vesta Pallace E9-1-1 telephone system will have an integrated TDD.

This training and operations program will continue in the same manner for Enhanced 9-1-1. Additionally, training on Enhanced 9-1-1 operations and use of equipment will be provided to all employees of the PSAP.

## COUNTY-WIDE ADDRESSING

All residents in Adams County have a physical address. The rural route system was converted to physical addressing and countywide readdressing, including 9-1-1 street signs, was completed in December 2001. The following information is taken from the county ordinance that sets up the addresses in the county:

1. The City of Quincy addressing system will be extended to the Tri-Townships (Melrose, Ellington and Riverside townships).
2. Addressing systems for the incorporated villages, outside of the Tri-Township area, are determined by the Village respective governments.
3. Adams County government will have its own system for all unincorporated rural areas.

For addressing for Rural Adams County, the south county line is a "baseline" and the west-most boundary is also a "baseline".

All township roads and county highways outside incorporated limits and rural subdivisions shall have a street name constructed as follows: street prefix + street number + street type.

For east-west roads, the prefix shall be "North" since they are north of the horizontal baseline. The street number shall be determined by multiplying the distance in miles times 100. East-West roads will be referred to as "Avenues".

For north-south roads, the prefix shall be "East" since they are east of the vertical baseline. The number is found by again multiplying the distance in miles times 100.

East-west roads shall be referred to as "Streets". Diagonal or curved streets will end in a "3" and also be called "Lane." The "3" and "Lane" both indicate a curved or diagonal street, so it is kind of redundant. For roads that loop away from a main road and then come back to it, they will be called "Loop". Dead-end roads less than a mile and greater than 300 feet shall be called "Place".

Rural subdivision streets shall be assigned names according to official plat maps.

Numbering system: All rural numbers, including those within rural subdivisions, shall be assigned according to a grid that has lines one mile apart. 100 numbers, 50 on each side, will be available. An address will follow this format: house number + street prefix + street number + street type; or House # + (prefix: North or East) + Street # + (Street Type: Avenue, Street, Lane, Place). For example, a house on North 2600 Avenue, which runs west to east, that is 10.4 miles from the west edge of the county will have an address of 1040 North 2600 Avenue. For rural county house numbers: odd

## NARRATIVE

numbers are on the West and North sides of the road; even numbers are on the East and South sides of the road.

### ENHANCED 9-1-1 DATABASE

The E9-1-1 database will contain the Name, Address, City/State of each person along with routing Emergency Service Number (ESN). This ESN designates the proper Police, Fire and Ambulance names and routing telephone number. The ESN range for Quincy/Adams County 9-1-1 is 200-245.

The database is redundant and located at the following locations: 2305 Sanders Road, Floor 3, Northbrook, Illinois and 425 W. Randolph, Floor 10, Riverfront, Illinois.

### SELECTIVE ROUTER

The selective router will be provided by the AT&T via tariff rates. The selective router for Adams County is a Nortel DMS 100. The router is located at 601 S. Main Street in Springfield, Illinois. (CILLI Code - SPFDILESDS1)

The selective router will provide ANI (Automatic Number Identification), ALI (Automatic Location Identification, SR (Selective Routing), and Forced Disconnect.

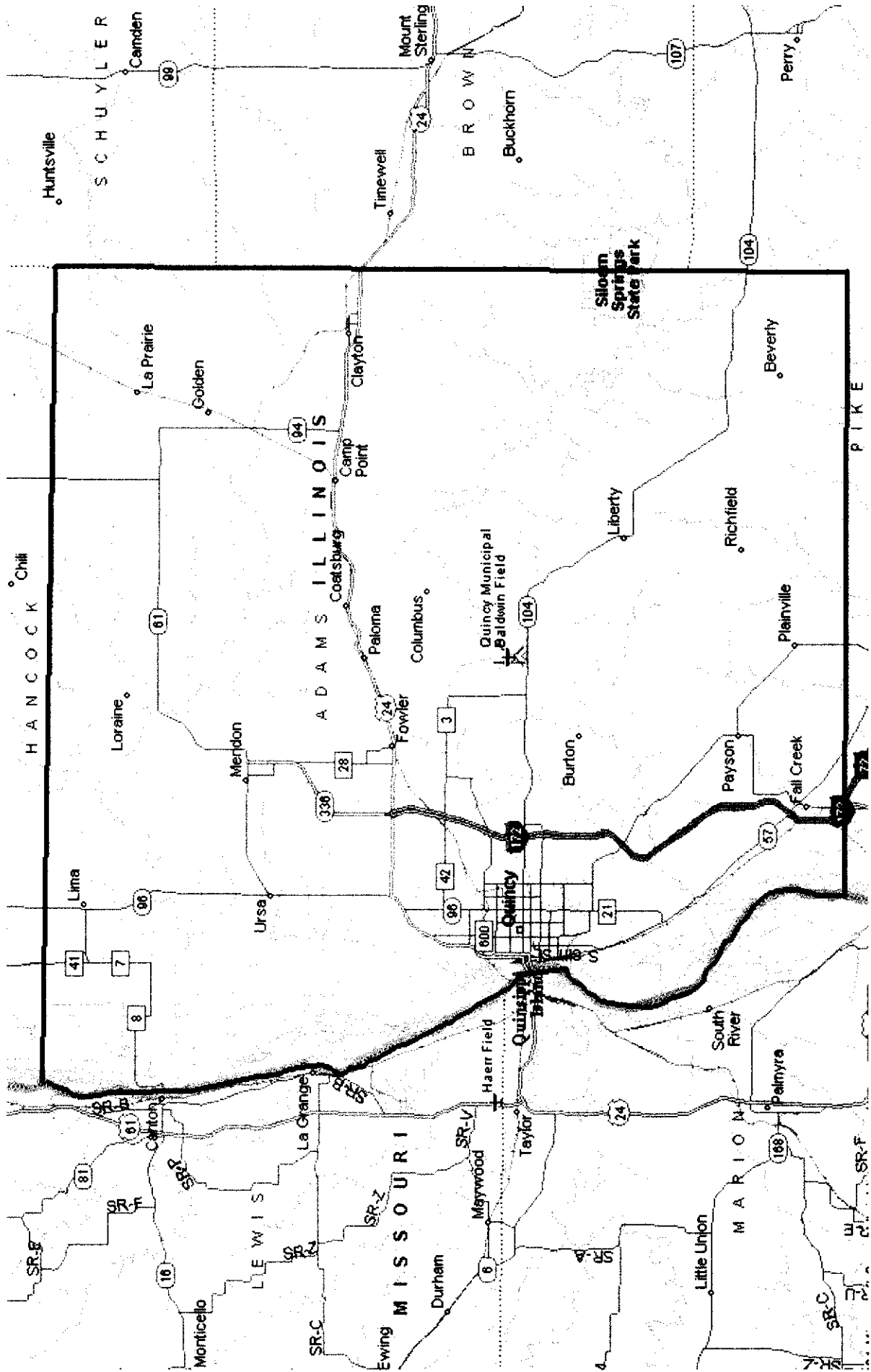


# EMERGENCY SERVICE NUMBERS, PSAP Location: Quincy/Adams County 9-1-1

Location	ESN	Police	Fire	EMS
City of Quincy	200	Quincy Police	Quincy FD	Adams Ambulance
Quincy Regional Airport	201	Quincy Police	Quincy FD- Tri-Township FD- Central Adams VFD	Adams Ambulance
Tri-township	202	Adams Sheriff	Tri-Township FD	Adams Ambulance
Adams County	203	Adams Sheriff	Barry VFD	Adams Ambulance
Adams County	204	Adams Sheriff	Baylis VFD	Adams Ambulance
Adams County	205	Adams Sheriff	Bowen VFD	Adams Ambulance
Adams County	206	Adams Sheriff	Camp Point VFD	Adams Ambulance
Adams County	207	Adams Sheriff	Central Adams VFD	Adams Ambulance
Adams County	208	Adams Sheriff	Clayton VFD	Adams Ambulance
Adams County	209	Adams Sheriff	Golden VFD	Adams Ambulance
Adams County	210	Adams Sheriff	Liberty VFD	Adams Ambulance
Adams County	211	Adams Sheriff	Lima VFD	Adams Ambulance
Adams County	212	Adams Sheriff	Loraine VFD	Adams Ambulance
Adams County	213	Adams Sheriff	Mendon VFD	Adams Ambulance
Adams County	214	Adams Sheriff	Payson VFD	Adams Ambulance
Adams County	215	Adams Sheriff	Ursa VFD	Adams Ambulance
Future Use	216-245	Future Use	Future Use	Future Use

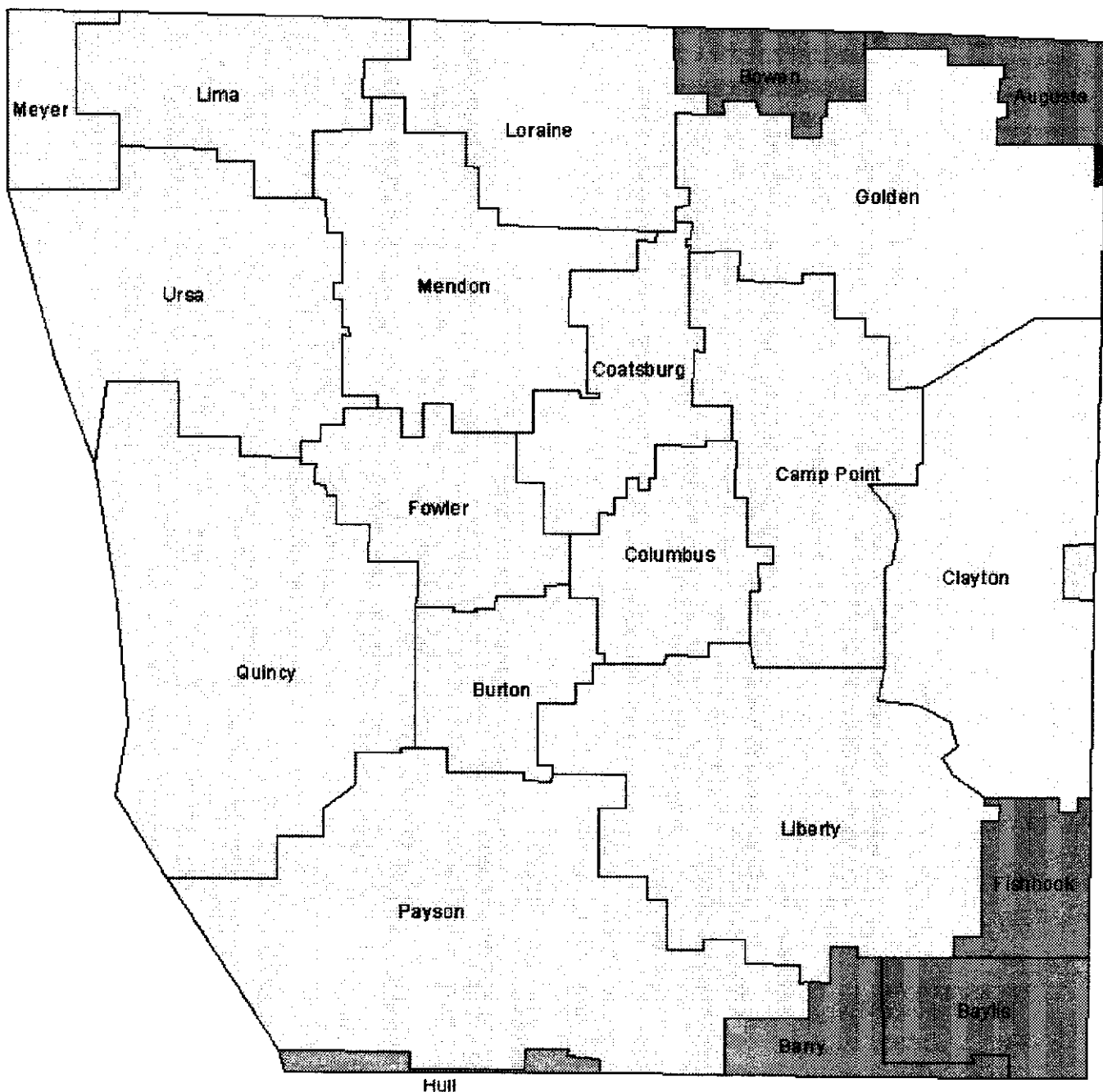
EXHIBIT 1

ADAMS COUNTY, ILLINOIS



## EXHIBIT 1

### Proposed Quincy/Adams County Enhanced 9-1-1 System








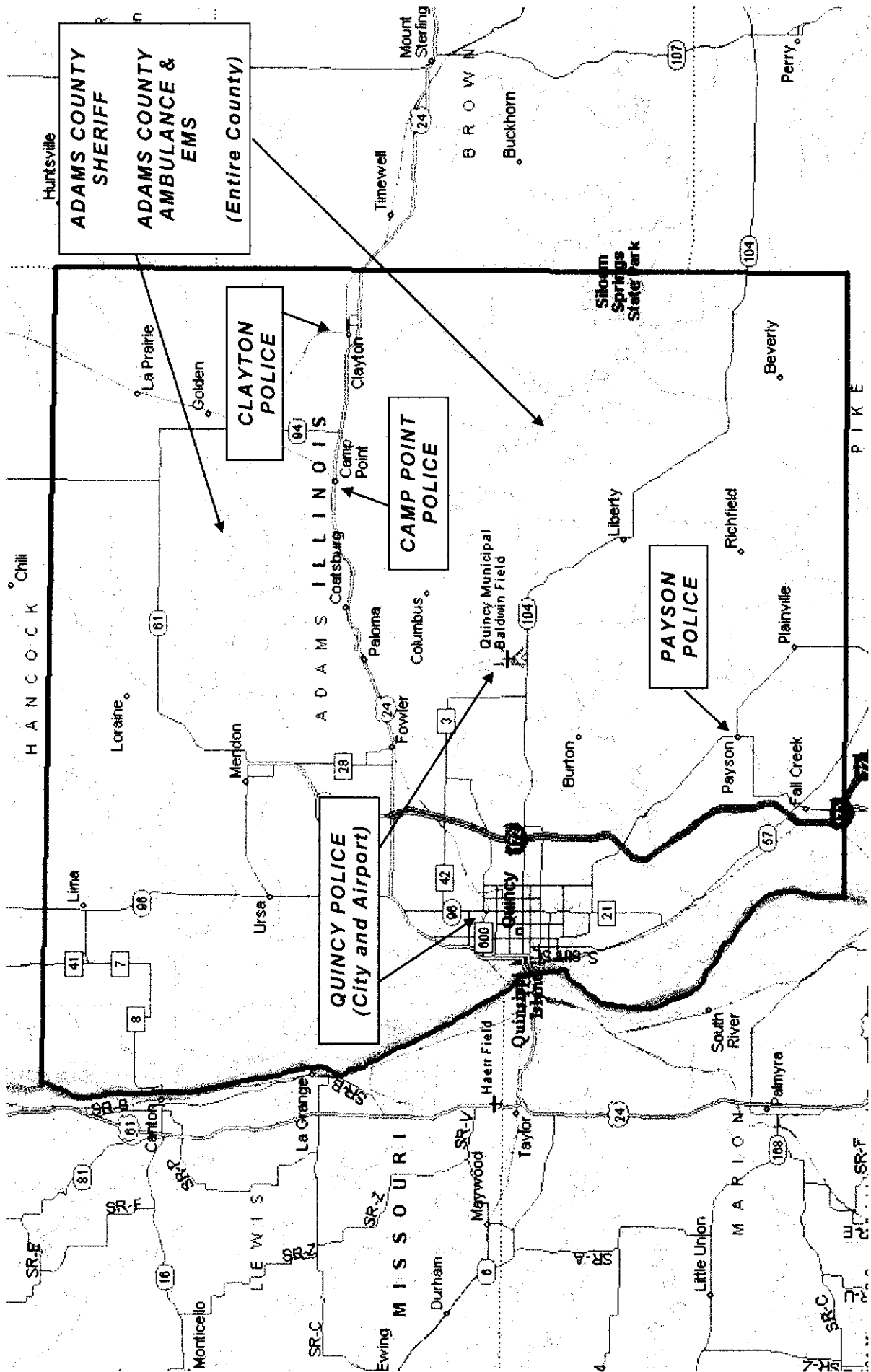
-  Quincy/Adams County E9-1-1 Service Area
-  Opt-out to Hancock County ETSB
-  Opt-out to Pike County ETSB
-  Opt-out Mindale Exchange to Schuyler Co. Sheriff
-  Opt-out Mt. Sterling Exchange to Mt. Sterling Police Dept

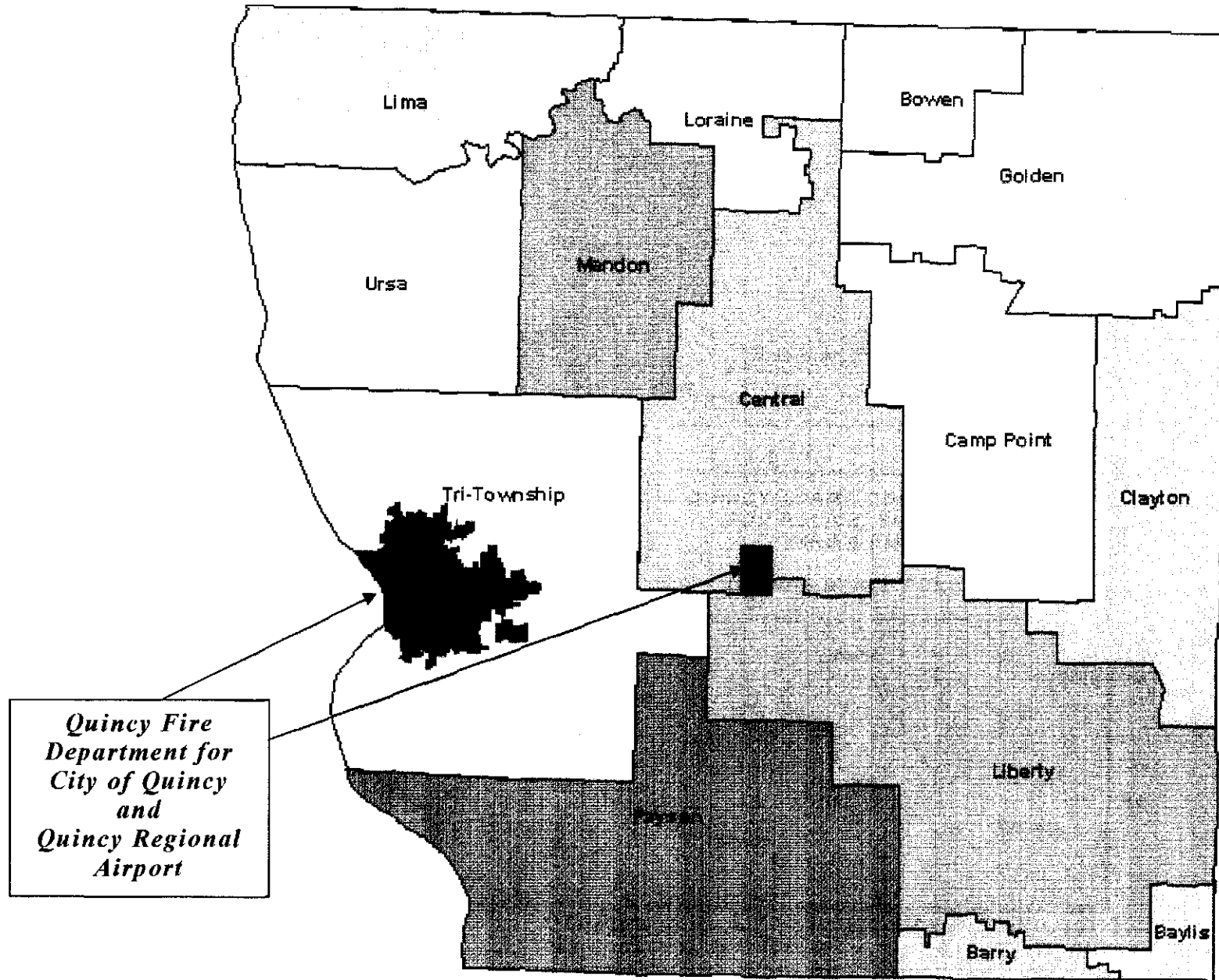
EXHIBIT 2

PARTICIPATING PUBLIC SAFETY AGENCIES  
LAW ENFORCEMENT & EMS



## EXHIBIT 2

### PARTICIPATING PUBLIC SAFETY AGENCIES FIRE PROTECTION DISTRICTS



# EXHIBIT 3

## SYSTEM PARTICIPANTS

A list of system participants showing the 9-1-1 land area(s) in square miles and estimated population which will have access to the proposed 9-1-1 System.

System Participants	Street Address, City, Zip Code	Administrative Telephone No.	Population	Land Area	Direct Dispatch	Transfer	Call Relay
Adams County Sheriff's Department	521 Vermont Street Quincy, IL 62301	(217) 277-2200	68,277	872	X		
Quincy Police Department	110 S. 8 <sup>th</sup> Street Quincy, IL 62301	(217) 228-4470	40,366	15	X		
Camp Point Police Department	115 E. Wood Street Camp Point, IL 62320	(217) 593-6622	1,244	1	X		
Clayton Police Department	119 E. Main Street Clayton, IL 62324	(217) 894-7012	904	1	X		
Payson Police Department	101 W. Edwards Payson, IL 62360	(217) 656-3376	1,066	1	X		
Air Evac Life Team (Blessing Hospital)	1488 W. Eighth St. West Plains, MO 65775	(415) 256-0010	68,277	872			X
Adams County Ambulance & EMS	507 Vermont Street Quincy, IL 62301	(217) 277-2001	68,277	872	X		
Quincy Fire Department	906 Vermont Street Quincy, IL 62301	(217) 228-4458	40,366	15	X		
Tri-Township Fire Department	227 S. 54 <sup>th</sup> Street Quincy, IL 62305	(217) 222-2142	13,007	108	X		
Camp Point Fire Protection District	516 S. Main Camp Point, IL 62320	(217) 593-7314	1,965	66	X		
Central Adams Fire Protection District	300 South Main Coatsburg, IL 62325	(217) 455-3333	2,219	83	X		

\* Service Area in Adams County only.

# EXHIBIT 3

## SYSTEM PARTICIPANTS

System Participants	Street Address, City, Zip Code	Administrative Telephone No.	Population	Land Area	Direct Dispatch	Transfer	Call Relay
Clayton Fire Protection District	106 S. Park Clayton, IL 62324	(217) 894-7125	1,302	52	X		
Golden Fire Protection District	2360 E. 2700 <sup>th</sup> Street Golden, IL 62339	(217) 696-4318	1,293	81	X		
Liberty Fire Protection District	Box 13 Liberty, IL 62347	(217) 645-3353	2,054	123	X		
Lima-Tioga Fire Protection District *	P.O. Box 85 Lima, IL 62348	(217) 985-5725	571	54	X		
Lorraine Fire Protection District	1303 N. 2800 <sup>th</sup> Ave. Lorraine, IL 62349	(217) 938-4472	585	33	X		
Mendon Fire Protection District	135 Collins Street Mendon, IL 62351	(217) 936-2160	1,694	50	X		
Payson/Fall Creek Fire Protection District	P.O. Box 46 Payson, IL 62360	(217) 656-3218	3,017	108	X		
Ursa Fire Protection District	P.O. Box 35 Ursa, IL 62376	(217) 964-2119	1,100	61	X		

\* Service Area in Adams County only.

**EXHIBIT 4****ADJACENT AGENCY LIST**

A list of public safety agencies and existing 9-1-1 Systems adjacent to the proposed system boundaries

Agency	Street Address, City, Zip Code	Telephone Number
Hancock County E9-1-1	98 Buchanan St. Carthage, IL 62321	(217) 357-2559
Lewis County E9-1-1	P.O. Box 56 Monticello, MO 63457	(572) 767-5451
Marion County E9-1-1	P.O. Box 798 Hannibal, MO 63401	(573) 221-1244
Pike County 9-1-1	204 East Adams St Pittsfield, IL 62363	(217) 285-5011
Illinois State Police District 14	U.S. 61 North, P.O Box 125 Macomb, IL 61455	(309) 833-2674
Illinois State Police District 20	P.O. Box 32 Pittsfield, IL 62363	(217) 285-2034
Missouri Highway Patrol Troop B	308 Pine Crest Drive Macon, MO 63522	(660) 385-3132
Brown County Sheriff's Department	200 E. Court Mount Sterling, IL 62353	(217) 773-2001
Hancock County Sheriff's Department	98 Buchanan St. Carthage, IL 62321	(217) 357-2115
Lewis County Sheriff's Department	107 S. Washington St Monticello, MO 63457	(573) 767-5311
Marion County Sheriff's Department	1703 Marion City Rd Palmyra, MO 63461	(573) 769-2077
Pike County Sheriff's Department	204 East Adams St Pittsfield, IL 62363	(217) 285-4471
Schuyler County Sheriff's Department	216 W. Lafayette Rushville, IL 62681	(217) 322-4366
Brown County Ambulance Service	RR 1 Box 1A Mt. Sterling, IL 62353	(217) 773-2113
Pike County Ambulance Service	623 West Adams Pittsfield, IL 62363	(217) 285-6336
Lewis County Ambulance District	P.O. Box 218 Lewiston, MO 63452	(573) 215-2447



**EXHIBIT 4****ADJACENT AGENCY LIST**

<b>Agency</b>	<b>Street Address, City, Zip Code</b>	<b>Telephone Number</b>
Marion County Ambulance District	3120 Highway 61 North Hannibal, MO 63401	(573) 221-5000
Schuyler County Ambulance Service	Rushville, IL 62681	(217) 322-6680
Augusta Fire Protection District	611 Main St. Augusta, IL 62311	(217) 392-2224
Barry Fire Protection District	867 Main St. Barry, IL 62312	(217) 335-2341
Baylis Fire Protection District	P.O. Box 23 Baylis, IL 62314	(217) 336-2671
Bowen Fire Protection District	Bowen, IL 62316	(217) 842-5230
Hull/Kinderhook Fire Protection Dist.	RR1 Box 28 Hull, IL 62343	(217) 432-5758
Mount Sterling Fire Department	145 West Main Street Mt. Sterling, IL 62353	(217) 773-2113
North Pike Fire Protection District	101 ½ East Main St. Box 247 Perry, IL 62362	(217) 236-7721
Palmyra Rural Fire Department	P.O. Box 32 Palmyra, MO 63461	(573) 769-5540
Warsaw Rural Fire Protection District	220 S. 5 <sup>th</sup> Street Warsaw, IL 62379	(217) 256-4515

## EXHIBIT 5

### TELEPHONE COMPANIES LIST

A list of each telephone company(s), exchange(s), prefix(es), and the various 9-1-1 System configurations that will be used in the proposed system.

Telephone Company	Exchange	(Area Code) Prefix	Type of 9-1-1 Service
Adams Telephone Cooperative	Coatsburg	(217) 455	Enhanced 9-1-1
Adams Telephone Cooperative	Golden	(217) 696	Enhanced 9-1-1
Adams Telephone Cooperative	Lima	(217) 985	Enhanced 9-1-1
Adams Telephone Cooperative	Loraine	(217) 938	Enhanced 9-1-1
Adams Telephone Cooperative	Mendon	(217) 936	Enhanced 9-1-1
Adams Telephone Cooperative	Meyer	(217) 647	Enhanced 9-1-1
Adams Telephone Cooperative	Ursa	(217) 964	Enhanced 9-1-1
Adams Telesystems (CLEC)	Quincy	(217) 214	Enhanced 9-1-1
McLeodUSA (CLEC)	Quincy	(217) 641	Enhanced 9-1-1
Sage Telecomm (CLEC)	Quincy	(217) ???	Enhanced 9-1-1
AT&T (Illinois Bell)	Burton	(217) 885	Enhanced 9-1-1
AT&T (Illinois Bell)	Columbus	(217) 334	Enhanced 9-1-1
AT&T (Illinois Bell)	Fowler	(217) 434	Enhanced 9-1-1
AT&T (Illinois Bell)	Liberty	(217) 645	Enhanced 9-1-1
AT&T (Illinois Bell)	Payson	(217) 656	Enhanced 9-1-1
AT&T (Illinois Bell)	Quincy DSO	(217) 221, 222, 223, 224, 228, 231, 277, 592	Enhanced 9-1-1
Verizon North	Camp Point	(217) 593	Enhanced 9-1-1
Verizon North	Clayton	(217) 894	Enhanced 9-1-1

## EXHIBIT 6

### FINANCIAL ARRANGEMENTS

#### FUNDING

*(Please check the appropriate)*

Funds provided by:

- Local Governments ☒
- Telephone Surcharge ☐
- Other ☒

#### DETAILED DESCRIPTION OF THE FUNDING MECHANISM

The financial arrangements to be employed for call handling and telecommunications services for the Enhanced 9-1-1 system was set forth by the Adams County Board and the Quincy City Council through the Quincy/Adams County 9-1-1 Governing Board. A 1988 agreement, which is confirmed by ordinance that was jointly adopted by the two legislative bodies (refer to "Resolution" included with this packet), states that the City of Quincy and Adams County will split all costs for the 9-1-1 system on a 60% and 40% basis respectively. This includes initial start up costs as well as long-term operation expenses for telecommunications services. The current Basic 9-1-1 System (ICC Order 88-0304) is currently funded in this manner.

The Quincy/Adams County 9-1-1 System is viewed as a cooperative but separate entity from the city and county. The City of Quincy and Adams County 9-1-1 Communications System Governing Board has authorized the City of Quincy to handle the actual disposition of operating funds. Adams County and the City of Quincy will handle the actual disposition of capital funds associated with the Enhanced 9-1-1 project. The City of Quincy and Adams County 9-1-1 Communications System Governing Board, however, will have the final decision making responsibilities in terms of budgeting and authorizing expenditures.

The City of Quincy acted as borrowing agent on a \$1,300,000 over an 8-year period on behalf of the City of Quincy and Adams County 9-1-1 Communications System Governing Board to ensure funding for the completion the Enhanced 9-1-1 project; the loan with First Bankers Trust Company closed on May 15, 2006. Repayment of the loan by the City of Quincy and Adams County is on a 60% / 40% basis described in paragraph one above.

Additionally, a portion of the wireless surcharge funds granted to the City of Quincy and Adams County 9-1-1 Communications System Governing Board through the Illinois Wireless Emergency Telephone System Act will also be utilized to fund the costs of establishing land-line Enhanced 9-1-1 services as well as Phase I & II wireless E9-1-1. Estimated funding amounts:

Adams County E9-1-1 funding provided to date:	\$270,000
City of Quincy E9-1-1 funding provided to date:	\$405,000
Loan Proceeds:	\$1,300,000
Estimated WETSA Funds (August 2000 – April 2008):	\$1,305,000

## EXHIBIT 7

### SYSTEM COSTS

<b>PRESENT B9-1-1 SYSTEM COST</b> <i>Fiscal Year 2006-2007</i> <i>(May 1, 2006 – April 30, 2007)</i>
<b>Annual Operating Cost</b> <i>(Includes 4 months of E9-1-1)</i>
<b>\$1,178,913</b>

<b>PROPOSED SYSTEM COST (summary)</b>		
<b>Anticipated Annual E9-1-1 System Cost (FY2007-2008)</b>	<b>Installation Cost</b>	<b>Total First Year Cost (fiscal year)</b>
<b>\$1,292,500</b>	<b>\$1,200,000</b>	<b>\$2,492,500</b>

# EXHIBIT 7

## SYSTEM COSTS

Current FY2006-2007 Operating Budget  
May 1, 2006-April 30, 2007

Account	Description	2006-2007
202-2310-402-11-xx	All Salary & Wages	\$ 712,294
202-2310-402-21-01	Group Insurance	\$ 115,014
202-2310-402-21-03	Life Insurance	\$ 684
202-2310-402-21-04	Workmans Comp	\$ 2,938
202-2310-402-22-01	Social Security	\$ 44,163
202-2310-402-22-02	Medicare	\$ 10,329
202-2310-402-22-03	Unemployment Comp	\$ 900
202-2310-402-23-01	IMRF	\$ 78,353
202-2310-402-23-07	IAM Natl Pension	\$ 4,680
202-2310-402-31-01	Audit	\$ 1,950
202-2310-402-32-01	Medical	\$ 300
202-2310-402-32-02	Computer	\$ 300
202-2310-402-35-01	R & M Buildings	\$ 5,000
202-2310-402-35-03	R & M Office Equipment	\$ 37,000
202-2310-402-38-01	MICA	\$ 11,140
202-2310-402-38-02	MICA Deductible	\$ 1,647
202-2310-402-39-01	Communications	\$ 123,300
202-2310-402-39-02	Advert/Publishing	\$ 300
202-2310-402-39-03	Dept Forms	\$ 500
202-2310-402-39-04	Travel	\$ 2,900
202-2310-402-39-05	Mileage Reimbursement	\$ 800
202-2310-402-39-07	Regist/Schls/Meets	\$ 2,400
202-2310-402-41-01	Postage	\$ 400
202-2310-402-41-02	Office Supplies	\$ 4,140
202-2310-402-42-02	Energy - Electricity	\$ 12,000
202-2310-402-45-02	Maint Supplies - custodial	\$ 500
202-2310-402-45-03	Maint Supplies - consumables	\$ 500
202-2310-402-45-04	Maint Supplies - parts	\$ 500
202-2310-402-47-01	Clothing/Uniform	\$ 1,500
202-2310-402-47-03	Training Supplies	\$ 300
202-2310-402-52-04	Office Equipment	\$ 1,530
202-2310-402-61-01	Misc - dues	\$ 650
<b>OPERATING BUDGET TOTAL:</b>		<b>\$ 1,178,913</b>
City 60% \$		707,348
County 40% \$		471,565

***Estimated Enhanced 9-1-1 Implementation Costs***  
***August 2006***

<b>Customer Provided Equipment (CPE)</b>	<b>cost</b>
<b>Total</b>	<b>\$ 675,000</b>

<b>E9-1-1 Telephone Network</b>	<b>cost</b>
AT&T	\$ 184,000
Verizon	\$ 6,000
Adams Telephone	\$ 45,120
Contingency	\$ 41,880
Wireless 9-1-1 trunks	\$ 3,000
<b>Total E9-1-1 Telephone Network</b>	<b>\$ 280,000</b>

Retrofit Cass County as Backup PSAP		cost
E9-1-1 trunks (3 x \$700 per circuit install)	\$	3,000
Equipment modifications & contingency	\$	17,000
<b>Total Retrofit Cass County</b>	<b>\$</b>	<b>20,000</b>

<b>Retrofit Courthouse PSAP</b>	<b>cost</b>
E9-1-1 telephone system	\$ 210,000
E9-1-1 & Wireless trunks	\$ 5,520
Miscellaneous Equipment & Contingency	\$ 9,480
<b>Total Retrofit</b>	<b>\$ 225,000</b>

Total Estimate of Costs	\$ 1,200,000
-------------------------	--------------

# EXHIBIT 7

## SYSTEM COSTS

Anticipated FY2007-2008 Operating Budget  
May 1, 2007-April 30, 2008

Account	Description	Anticipated FY2007-2008
202-2310-402-11-xx	All Salary & Wages	\$ 740,979
202-2310-402-21-01	Group Insurance	\$ 126,000
202-2310-402-21-03	Life Insurance	\$ 684
202-2310-402-21-04	Workmans Comp	2,938
202-2310-402-22-01	Social Security	\$ 45,942
202-2310-402-22-02	Medicare	\$ 10,744
202-2310-402-22-03	Unemployment Comp	\$ 900
202-2310-402-23-01	IMRF	\$ 81,509
202-2310-402-23-07	IAM Natl Pension	\$ 4,680
202-2310-402-31-01	Audit	\$ 1,950
202-2310-402-32-01	Medical	\$ 300
202-2310-402-32-02	Computer	\$ 300
202-2310-402-35-01	R & M Buildings	\$ 23,000
202-2310-402-35-03	R & M Office Equipment	\$ 53,000
202-2310-402-38-01	MICA	\$ 11,474
202-2310-402-38-02	MICA Deductible	\$ 1,696
202-2310-402-39-01	Communications	\$ 152,000
202-2310-402-39-02	Advert/Publishing	\$ 750
202-2310-402-39-03	Dept Forms	\$ 750
202-2310-402-39-04	Travel	\$ 3,600
202-2310-402-39-05	Mileage Reimbursement	\$ 1,000
202-2310-402-39-07	Regist/Schls/Meets	\$ 2,800
202-2310-402-41-01	Postage	\$ 400
202-2310-402-41-02	Office Supplies	\$ 4,250
202-2310-402-42-02	Energy - Electricity	\$ 14,000
202-2310-402-45-02	Maint Supplies - custodial	\$ 1,000
202-2310-402-45-03	Maint Supplies - consumables	\$ 500
202-2310-402-45-04	Maint Supplies - parts	\$ 500
202-2310-402-47-01	Clothing/Uniform	\$ 1,500
202-2310-402-47-03	Training Supplies	\$ 500
202-2310-402-52-04	Office Equipment	\$ 2,204
202-2310-402-61-01	Misc - dues	\$ 650
<b>OPERATING BUDGET TOTAL:</b>		<b>\$ 1,292,500</b>
City 60%		\$ 775,500
County 40%		\$ 517,000



**QUINCY/ADAMS COUNTY ENHANCED 9-1-1 NETWORK SERVICE  
CUSTOMER ACCEPTANCE AGREEMENT  
(COUNTY SYSTEMS ONLY)**

This confirms an agreement between Ameritech and Quincy/Adams County 9-1-1 Governing Board ("Customer") located at 521 Vermont, Quincy, Illinois 62301 to establish Enhanced 9-1-1 service as described in Ameritech's I.C.C. Tariff No. 20, Part 8, Section 3. The Customer's Service Area is defined as the area within the boundaries of Adams County.

This contract becomes effective when signed and shall automatically terminate (1) month(s) from date of this Agreement, once the Enhanced 9-1-1 system is considered to be "live" to the public.

In the event the Customer cancels this Agreement prior to establishment of the Enhanced 9-1-1 service, Ameritech will be reimbursed by the Customer for all costs incurred.

Enhanced 9-1-1 is a telecommunications service, which provides certain features such as Automatic Number Identification ("ANI"), Automatic Location Identification ("ALI") and Selective Routing of 9-1-1 calls to a specific Public Safety Answering Point ("PSAP") which is selected from the various PSAPs servicing customers within the Enhanced 9-1-1 customer's service area. Enhanced 9-1-1 is further defined by tariff.

The customer elects to pay Enhanced 9-1-1 subject to the following conditions.

- A. Customer elects a contract period of (1) month(s). During this period the monthly rate for Enhanced 9-1-1 is \$150.00 per 1000 exchange access lines and is not subject to Ameritech - initiated rate changes.
- B. The Customer shall be responsible for Enhanced 9-1-1 monthly rates for the period of month(s) stated in A above. The maximum termination charges associated with this Agreement are \$190,900.00. If Customer requests termination of any or all Enhanced 9-1-1 services prior to the expiration of this Agreement customer will be liable for an amount equal to the number of months remaining in the term, multiplied by the monthly rate per 1000 exchange access lines, multiplied by the then existing number of such items being billed.
- C. An Initial Non-Recurring Charge ("I.N.C.") of per 1000 exchange access lines \$184,400.00 at the time of cutover is applicable to the establishment of the Enhanced 9-1-1 service. No portion of the I.N.C. will be refunded. Customer shall be responsible for all I.N.C. and monthly charges and applicable taxes.
- D. Customer may elect to prepay all or a portion of the monthly rate in accordance with the Regulations of I.C.C. Tariff No. 20.

Ameritech has entered into agreements with companies referred to as Ameritech Authorized Representatives.

Ameritech Authorized Representatives are independent companies. If selected by you, they are compensated by Ameritech to assist you in the selection and ordering of Ameritech products and services under applicable Ameritech agreements.



**Quincy/Adams County Enhanced 9-1-1 Network Service**

**Page 2**

Ameritech's Authorized Representatives may offer their own line of non-Ameritech products and services under separate agreements for price, terms, and conditions. The evaluation, selection and performance of these non-Ameritech products, and integration thereof, should be done independently of Ameritech's offerings.

The service and performance standards of Ameritech's network offerings are governed by tariff, Ameritech ultimately is only responsible for proper performance of its network offerings.

All terms and conditions of the Enhanced 9-1-1 service offering are set forth in the applicable tariff, which fully determines the rights and obligations of the Customer and Ameritech.

NO REPRESENTATIONS OR AGREEMENTS, EITHER WRITTEN OR ORAL, SHALL ALTER OR IN ANY WAY AFFECT THESE RIGHTS OR OBLIGATIONS.

Customer: Quincy/Adams County 9-1-1 Governing Board Ameritech

By: James E. Weise

By: [Signature]

Title: GOVERNING BOARD CHAIRMAN

Title: Solutions Consultant E911

Date: 7/18/02

Date: 08-26-02

Authorized Representative: [Signature]

Date: 08-26-02

**Acknowledgment Letter**

91117566 (9/00)

DATE 01 / 21 / 2002

☐ NEW ☒ RENEWALTo be completed by  
BCC or BOB only

Order Number

Due Date

In-Service Date

CIN Number

**A Customer (subsequently referred to as "Customer"):**

CUSTOMER NAME

Quincy/Adams County 911 Governing Board

SERVICE LOCATION STREET ADDRESS

521 Vermont Street

CITY

Quincy

STATE

IL

ZIP CODE

62301

BILLING STREET ADDRESS

CITY

STATE

ZIP CODE

CONTACT NAME

Mr Steve Rowlands

CONTACT TELEPHONE NUMBER

217-228-4572

**B Verizon Entity (subsequently referred to as "Verizon"):**

VERIZON ENTITY NAME

VERIZON NORTH INC

STREET ADDRESS

1312 E. EMPIRE

CITY

BLOOMINGTON

STATE

IL

ZIP CODE

61701

CUSTOMER HELPLINE TELEPHONE NUMBER

1-309-663-3049

REPAIR SERVICE TELEPHONE NUMBER

1-888-420-7701

VERIZON REPRESENTATIVE NAME

GLENN A JOHNSON

DATE

01/21/02

Billing Telephone Numbers ( )

( )

Dear Mr Rowlands:

Thank you for your confidence in Verizon and your recent order for the following service(s):

Service Name Quincy/Adams County 9-1-1 Governing Board

Summary of Terms or Volume

(FOR DETAIL SEE ATTACHMENT )

Summary of Charges - NRC/MRC

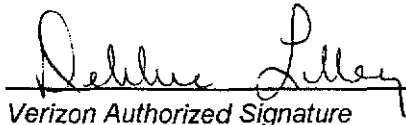
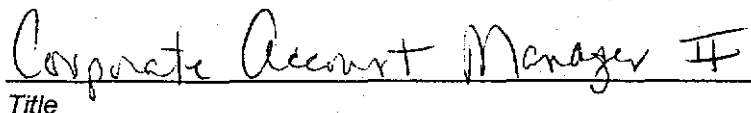
(FOR DETAIL SEE ATTACHMENT ) \$5,995.70/\$1,048.14

Our objective is to provide you excellent service. We value you as a customer and invite you to call any of your Verizon team members should you have a question or a requirement for further information or support.

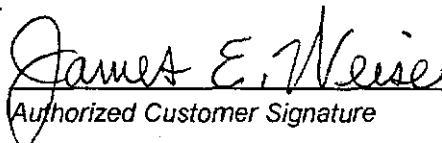
As we have discussed, each service identified above is governed by the prices, terms, and conditions in the applicable Verizon tariff. The charges specified above do not include any applicable local, state, or federal fees, taxes, required surcharges or other applicable tariff charges. Tariff prices, terms, and conditions are subject to change. In addition, you should be aware that because you have agreed to prices based on a term or volume commitment, additional charges will apply if this service is cancelled prior to 12 months from in-service date or if the volume commitment is not fulfilled.

We look forward to our continued relationship and working with you to provide the communication services necessary for your success.

Again, thank you for choosing Verizon.

  
Verizon Authorized Signature  
Title

I understand and acknowledge the above terms.

  
Authorized Customer Signature7/18/02  
Date

91117567 (9/00)



<b>Estimate of Purchase and Pricing Choices</b>							
IOSC	Quantity	Item Description	Term or Volume	Unit Pricing		Total	
				Installation	Monthly	Installation	Monthly
	2	Barry	12 months	\$337.08	\$95.18	\$674.16	\$190.36
	2	Barry	12 months	\$1312.45	\$48.17	\$2624.90	\$96.34
	2	Baylis	12 months	\$337.08	\$95.18	\$674.16	\$190.36
	2	Camp Point	12 months	\$337.08	\$95.18	\$674.16	\$190.36
	2	Clayton	12 months	\$337.08	\$95.18	\$674.16	\$190.36
	2	Hull	12 months	\$337.08	\$95.18	\$674.16	\$190.36
<b>Total Estimated Cost:</b>						5,995.70	1,048.14



**APPLICATION FOR SERVICE**  
(State Tariff)

Customer Name: Adams County E911	Main Billing Tel. No: 217-228-4572
Address: 521 Vermont St. Quincy, IL 62301	

Customer applies for and agrees to purchase from the undersigned Verizon operating telephone company the services identified below and as further described in Verizon's applicable tariffs (the "Services"), for a minimum period of 1 year, (12) consecutive months following execution of this Application and commencement of Services hereunder (the "Service Period"). The Services will be provided subject to the terms and conditions of Verizon's applicable tariffs in effect during the Service Period (the "Tariffs"), which are incorporated by this reference, and subject to the availability of suitable facilities.

If Customer terminates this Application or any Services prior to expiration of the Service Period, Customer will promptly pay to Verizon any termination and cancellation charges specified in the Tariffs. The rates for the Services shall be as set forth in the Tariffs, which rates are summarized below. Customer shall also pay all applicable charges, fees, taxes and tariff surcharges, including federal End User Common Line Charges, charged pursuant to applicable law, regulations or Tariffs.

Quantity		Service		Monthly Unit Rate	Non-recurring Charges / Unit
Quantity	Service	Monthly Unit Rate	Total Monthly Rate	Non-recurring Charges / Unit	Non-recurring Charges
-1-	Option-E1, Provides ANI/ALI without Selective Routing per 1000 Verizon access lines	\$48.17	\$48.17	\$1,312.45	\$1,312.45
-0 -	Option-E2, Provides ANI/ALI with Selective Routing per 1000 Verizon access lines	\$82.25			
-6-	9-1-1 Interoffice Facility, per trunk	\$95.18	\$571.08	\$337.08	\$2,022.48
-0-	E9-1-1 Service Line, each	\$16.99		\$49.00 Order Chg. (1) only \$12.00 Connect Charge Each.	
-0-	E9-1-1 Service Line, each	\$15.99			
-0-	E9-1-1 Automatic Location Identification (ALI), per 1000 Non-Verizon Access lines	\$39.41			
-0-	Regional ALI per 1000 Storage	\$30.00			
- 0 -	Regional ALI-Port Standalone ANI/ALI Controllers	\$40.00		\$200.00	
-0-	Wireless Selective Routing per 1000 access lines	\$73.51			
-0-	Regional ANI/ALI Controller Wireless per 1000 access lines	\$52.28			
-0-	Regional ALI Process for CAS or NCAS Phase 1 or Wireline Compatibility Mode	\$24.20			

	Phase II, Per 1000 Lines				
-0-	911/PSAP ACC?RT GRPA	\$15.99			
-0-	Wireless Trunk Interface Port	\$7.28			
-1-	Duplicate Database w/another County	\$118.23			

The Services will be provided at the following Customer locations:

Quincy, IL

The provision of any additional locations and/or quantities of Services will be subject to Verizon's applicable Tariffs. Additional charges may also be required if suitable facilities are not available to provide the Services at any locations.

Verizon may assign or transfer part or all of this Application to any of its affiliates. Upon reasonable prior written notice to Verizon and consistent with applicable Tariff supersedure or other regulatory requirements, Customer may assign or transfer this Application to any company that is the successor to substantially all of its assets. All other attempted assignments shall be void without the prior written consent of the other party.

Upon signature below by both parties, this Application and the Tariffs constitute the entire agreement between Customer and Verizon regarding the Services, and supersede all prior oral or written quotations, communications, understandings or agreements. In the event of a conflict between the Tariffs and this Application, the Tariffs shall control. Each party represents that its execution of this Application is based solely on its independent assessment of the rights and obligations set forth herein and not on any other oral or written quotations, communications, understandings or agreements.

AGREED AND ACCEPTED:

Adams County E9-1-1 (Customer)

By \_\_\_\_\_

Name/title \_\_\_\_\_

Date \_\_\_\_\_

VERIZON Verizon North, Inc

By \_\_\_\_\_

Name/title \_\_\_\_\_

Date \_\_\_\_\_